

In the Specification

Please substitute the following paragraph on page 1, beginning at line 9:

The Sequence Listing for this application is on duplicate compact discs labeled "Copy 1" and "Copy 2". Copy 1 and Copy 2 each contain only one file named "~~seqlist-12Sept2003.txt~~" "G-077US03DIV-Seq-List-replace" which was created on ~~September 12, 2003~~ September 13, 2006. The file is ~~15,126~~ 15,132 KB. The entire contents of each of the computer discs are incorporated herein by reference in their entireties.

Please substitute the following paragraph on page 161, beginning at line 3:

The computer system 100 includes a display 120 which is used to display output to a computer user. It should also be noted that the computer system 100 can be linked to other computer systems ~~125a-e~~ 125 A-C in a network or wide area network to provide centralized access to the computer system 100.

Please substitute the following paragraph on page 164, beginning at line 11:

A determination is then made at a decision state 264 whether the two characters are the same. If they are the same, then the process 250 moves to a state 268 wherein the next characters in the first and second sequences are read. A determination is then made at a decision state 270 whether the next characters are the same. If they are, then the process 250 continues this loop until two characters are not the same. If a determination is made that the next two characters are not the same, the process 250 moves to a decision state 274 to determine whether there are any more characters either sequence to read.

Please replace original Figure 5 with the attached new Figure 5.

Please replace original Figure 8 with the attached new Figure 8.

Please substitute the Sequence Listing as filed by Applicants with the accompanying Sequence Listing (pages 1-6228) on CD-ROM.